

AgZyme Increases Recoverable Sugar by 622 lbs/a

With an Overall Yield Increase of 1.2 tons per acre on Irrigated Sugar Beets at AgraServ, Inc. in American Falls, ID

Ag Concepts Corp[®] conducted a study with Agra Serve, Inc. in American Falls, ID with the effect of AgZyme[®] and AgZyme[®] with Ag Concepts[®] Super Hume[®] on Sugar Beets. During the 2014 growing season they studied a 12.8 oz application of AgZyme[®], an application of 12.8 oz of AgZyme with 1 gallon of Ag Concepts[®] Super Hume[®] versus the grower standard practice.

The first test was to determine root yield. As shown in Fig. 1, AgZyme[®] treated area yielded 42.2 ton/a, AgZyme[®] with Ag Concepts[®] Super Hume[®] yielded 42.3 ton/a, both slight increases over the untreated area yield of 41.0 ton/a.

The second test was to identify the effects AgZyme[®] has on Recoverable Sugar. Each AgZyme[®] treatment produced increases of more than 600 pounds over the 14,046 pounds of the check treatment. As shown in Fig. 2 the AgZyme[®] treated area's Recoverable Sugar was 14,669 pounds, an increase of 622 pounds, and the AgZyme[®] with Ag Concepts[®] Super Hume[®] Recoverable Sugar was 14,746 pounds, an increase of 699 pounds.

The sugar percentage was relatively high in this field. The AgZyme[®] treated plot showed 17.38% and the AgZyme[®] with Ag Concepts[®] Super Hume[®] plot had 17.43% sugar content versus the untreated area with 17.13%.

"EC levels did decrease from the untreated levels to the two treatments with AgZyme[®]"
-AgraServ Inc

